

C6649236

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

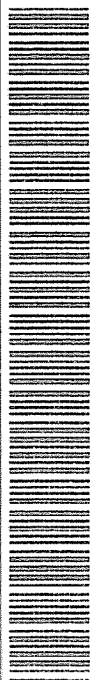
VERY IMPORTANT!
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
 C6649236

ORDER NO.
 5716

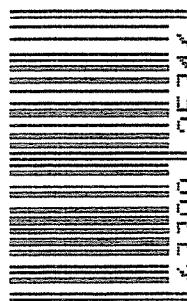
20

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6649236

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6649236

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 25 91 QUALITY		RW
600	Proof	6 25 91 AUDIT		RW
607	Check Headspace	6 25 91		RW
610	Dis-assemble Gun	6 25 91		RW
612	Magnaflux Barrel Action		JUL 1 1991	KR
	Magnaflux Bolt		JUL 1 1991	KR
615	Rollmark Caliber		JUL 1 1991	JS
617	Drill and Tap Sight Holes		JUL 1 1991	LB
618	Polish Barrel		JUL 2 1991	WB
620	Apply Coatings (Barrel Action)		8-7-91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly A) Clean inside of Bolt Assembly		8/28/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/28/91	WB
	C) Inspect Ejector Hole for Chamfer		8/28/91	WB
	D) Oil Firing Pin Ass'y		8/28/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		8/26/91	JO

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/4	5 1/4	5 1/2			8/26/91	NF
	G) Safety Off Force	271 3	274 3	322			8/26/91	NF
	H) Trigger Pull Test & Retainability						8/26/91	JO
	I) Firing Pin Indent	.021	.022	.022			8/26/91	NF
	J) Assemble Stock						8/29	AW
	K) Assemble Swivel Studs						8/31/91	DH
	L) Attach Front and Rear Sight Assemblies						8/29	AW
	M) Iron Sight Alignment						8/29	AW
	N) Detach Front & Rear Sights & place in numbered container						8/29	AW
	O) Attach Scope to Rifle						8/29	AW
	P) Detach & Attach Scope 20 Times						8/29	AW
640	Gallery Target & Test						8-31-91	DH
	A) Time						8-31-91	DH
	B) Malfunctions						8-31-91	DH
	C) Pierced Primers						8-31-91	DH
	D) Optical Clarity of Scope						8-31-91	DH
645	Inspect for Live Ammo						8-31-91	DH
655	Final Inspection							
	A) Headspace						8-31-91	DH
	B) Trigger Pull	2.42	2.42	2.46	2.37	2.44	8/29/91	DP
	C) Function						8-31-91	DH
660	Pack						8/27/91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6649236

DATE 8-26-91

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.45	2.50	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.38	2.46	2.42	
PULL #3	2.23	2.41	2.43	2.46	
PULL #4	2.30	2.40	2.48	2.37	
PULL #5	2.41	2.45	2.38	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.24		
PULL #2	3.31	3.22		
PULL #3	3.22	3.27		
PULL #4	3.28	3.28		
PULL #5	3.29	3.33		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.33		4.35
PULL #2	4.53	4.50		4.36
PULL #3	4.65	4.47		4.47
PULL #4	4.31	4.33		4.37
PULL #5	4.29	4.47		4.22
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06649236
27 Aug 1991

CENTROIDAL DISTANCES

0 TO 1	.586837
1 TO 2	.801022
1 TO 3	.659025
1 TO 4	.916726
1 TO 5	.649006

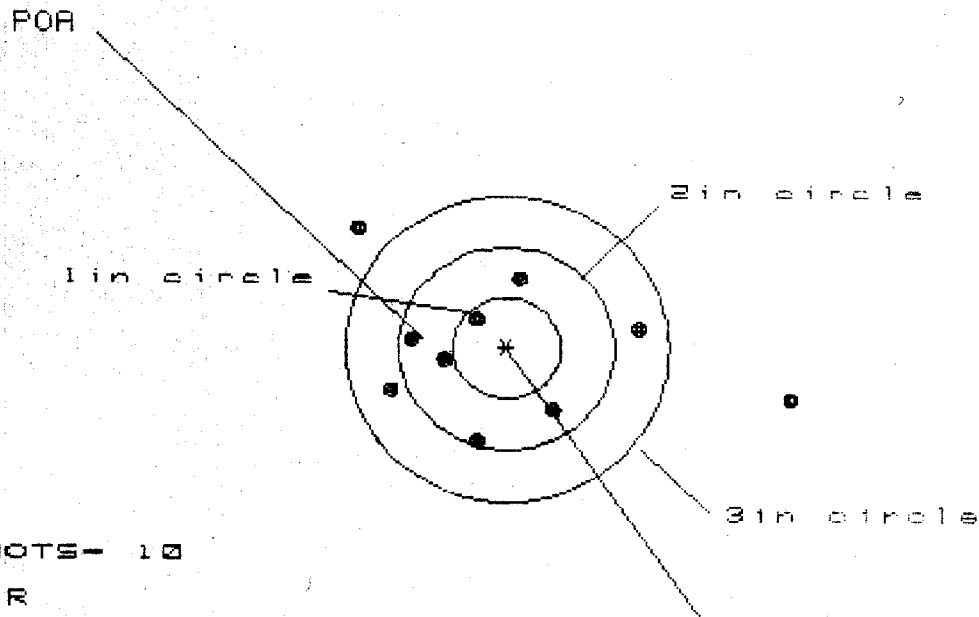
4
5
2 1 <----POR

ANGLE FOR THIS RIFLE IS: .0828
ANGLE FOR THIS RIFLE IS: .2606
RADIUS FOR THIS RIFLE IS: .273439
.9926

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649236

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.978

VS= 2.127

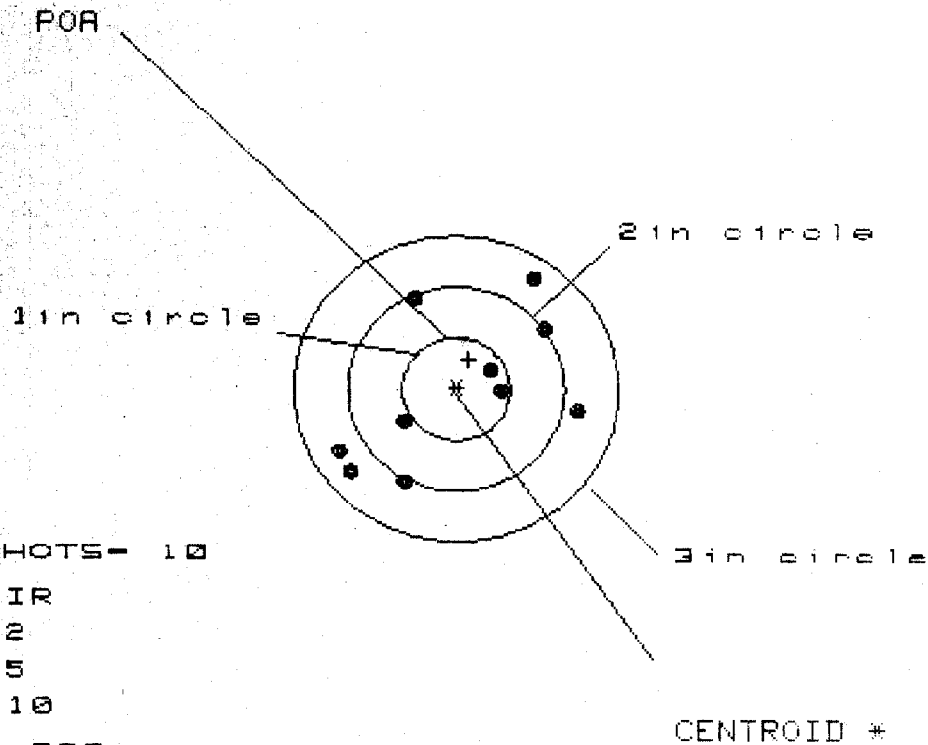
GS= 4.348

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM	:	2.614	1.489	1.355
MINIMUM	:	-1.364	-1.074	-.879
MAXIMUM	:	1.233	1.175	.735
MINIMUM	:	-.894	-.952	-.805
CENTROID	:	.577	.287	.421
CENTROID	:	.107	.165	.018
POA TO CENTROID IN.	:	.587	.331	.422
1IN RADIUS	:	.424	.285	.440
MEAN RADIUS	:	1.182	.865	.783
1IN SHOT	:	2.665	1.592	1.382
HORIZONTAL SPREAD	:	3.978	2.563	2.234
VERTICAL SPREAD	:	2.127	2.127	1.540
EXTREM SPREAD	:	4.348	2.769	2.305
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6649236

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.222

VS= 1.935

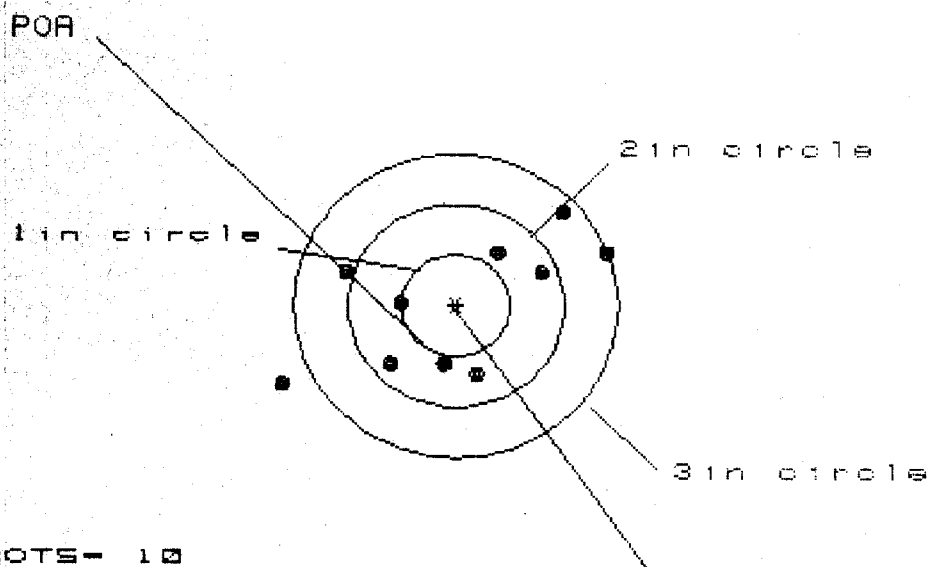
GS= 2.526

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.142	1.222	1.109
MINIMUM X	:	-1.080	-1.000	-1.113
MAXIMUM Y	:	1.066	.984	.899
MINIMUM Y	:	-.869	-.750	-.835
CENTROID X	:	-.117	-.197	-.084
CENTROID Y	:	-.293	-.412	-.327
FOR TO CENTROID in.	:	.316	.456	.337
MIN RADIUS	:	.389	.428	.378
MEAN RADIUS	:	.923	.881	.832
MAX RADIUS	:	1.287	1.224	1.240
HORIZONTAL SPREAD	:	2.222	2.222	2.222
VERTICAL SPREAD	:	1.935	1.734	1.734
EXTREME SPREAD	:	2.526	2.256	2.256
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8649236

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.966

VS= 1.699

GS= 3.233

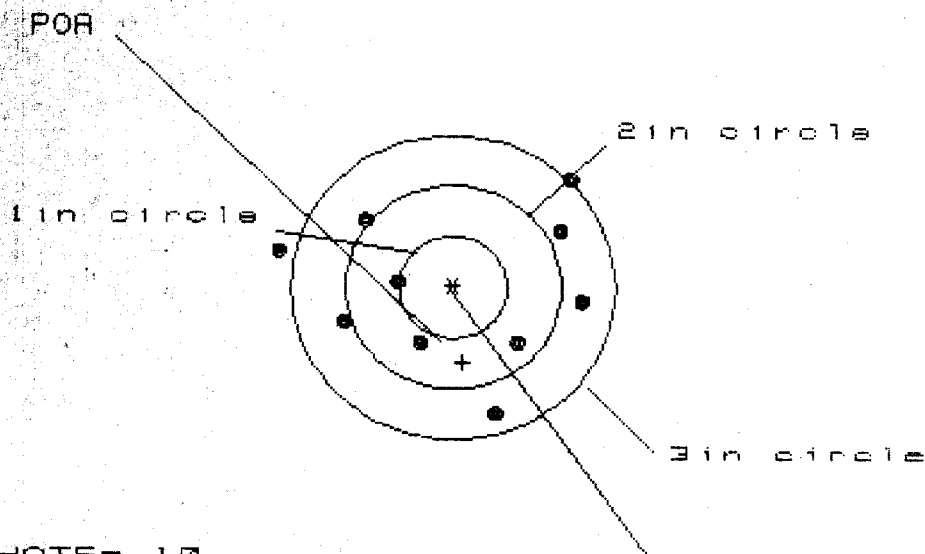
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.403	1.229	.941
MINIMUM X	:	-1.563	-1.208	-1.054
MAXIMUM Y	:	.941	.856	.912
MINIMUM Y	:	-.758	-.767	-.711
CENTROID X	:	.110	.284	.130
CENTROID Y	:	.572	.657	.601
POA TO CENTROID in.	:	.583	.715	.615
MIN RADIUS	:	.471	.477	.492
MEAN RADIUS	:	.971	.882	.812
MAX RADIUS	:	1.738	1.306	1.310
HORIZONTAL SPREAD	:	2.966	2.437	1.995
VERTICAL SPREAD	:	1.699	1.623	1.623
EXTREME SPREAD	:	3.233	2.448	2.153
NUMBER IN ONE INCH CIRCLE =	:	1	1	1
NUMBER IN TWO INCH CIRCLE =	:	6	6	6
NUMBER IN THREE INCH CIRCLE =	:	9	9	9

27 Aug 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG649236

CENTERFIRE PATTERNS # 4



* OF SHOTS- 10

* IN CIR

1 in = 0

2 in = 3

3 in = 8

HS= 2.758

VS= 2.364

GS= 2.830

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	.969	1.088
MINIMUM X	:	-1.610	-1.203	-1.084
MAXIMUM Y	:	1.087	1.131	.893
MINIMUM Y	:	-1.277	-1.233	-1.091
CENTROID X	:	-.088	.091	-.028
CENTROID Y	:	.738	.694	.552
POA TO CENTROID in.	:	.744	.700	.553
MIN RADIUS	:	.589	.588	.477
MEAN RADIUS	:	1.087	1.017	.930
MAX RADIUS	:	1.659	1.481	1.238
HORIZONTAL SPREAD	:	2.758	2.172	2.172
VERTICAL SPREAD	:	2.364	2.364	1.985
EXTREME SPREAD	:	2.830	2.582	2.280
NUMBER IN ONE INCH CIRCLE =	:	0	0	0
NUMBER IN TWO INCH CIRCLE =	:	3	3	3
NUMBER IN THREE INCH CIRCLE =	:	8	8	8

FILE:/PATTERNING/CENTERFIRE_PATT/C6649236

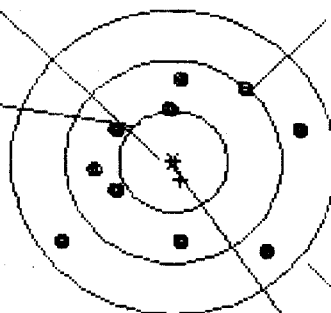
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS- 10

IN CIR

1in = 0

2in = 7

3in = 10

HS= 2.155

VS= 1.696

GS= 2.406

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.130	1.016	1.114
MINIMUM X	-1.025	-.884	-.786
MAXIMUM Y	.856	.774	.659
MINIMUM Y	-.841	-.922	-.980
CENTROID X	-.068	.046	-.052
CENTROID Y	.179	.260	.376
POA TO CENTROID in.	.191	.264	.379
MIN RADIUS	.516	.457	.321
MEAN RADIUS	.880	.834	.753
MAX RADIUS	1.262	1.212	1.123
HORIZONTAL SPREAD	2.155	1.900	1.900
VERTICAL SPREAD	1.696	1.696	1.639
EXTREME SPREAD	2.406	1.946	1.946
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		